

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

16092US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

To be assigned

**10/538983**INTERNATIONAL APPLICATION NO.  
PCT/IT2003/000802INTERNATIONAL FILING DATE  
5 December 2003PRIORITY DATE CLAIMED  
16 December 2002

## TITLE OF INVENTION

VARIABLE-RATIO TRANSMISSION DEVICE

## APPLICANT(S) FOR DO/EO/US

BAUSOLA, Giuseppe and CONTARDO, Giovanni

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☒ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☒ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EV 495095687US
23. ☒ Other items or information:  
Return Receipt Postcard

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.51) <b>10/538983</b> To be assigned		INTERNATIONAL APPLICATION NO. <b>PCT/IT2003/000802</b>		ATTORNEY'S DOCKET NUMBER <b>16092US</b>	
The following fees are submitted:				<b>CALCULATIONS</b>	<b>PTO USE</b>
24. <input checked="" type="checkbox"/> Basic national fee		\$300		\$	\$300.00
25. <input checked="" type="checkbox"/> Examination fee					
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).		\$100		\$	\$200.00
All other situations.		\$200			
26. <input checked="" type="checkbox"/> Search fee					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority		\$100			
International Search Report prepared and provided to the Office		\$400			
All other situations.		\$500		\$	\$400.00
<b>TOTAL OF 24, 25 and 26 =</b>				\$	\$900.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
10 - 100 =	0 /50 =	0	x \$250.00	\$	\$0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	21 - 20 =	1	x \$50.00	\$	\$50.00
Independent claims	2 - 3 =	0	x \$200.00	\$	\$0.00
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00				\$	\$0.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	\$950.00
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	\$475.00
<b>SUBTOTAL =</b>				\$	\$475.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	\$0.00
<b>TOTAL NATIONAL FEE =</b>				\$	\$475.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$	\$0.00
<b>TOTAL FEES ENCLOSED =</b>				\$	\$475.00
				Amount to be	\$
				Amount to be	\$

a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 19-2090 in the amount of \$475.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

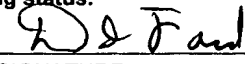
c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-2090. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

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Tel.: (626) 796-4000  
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 SIGNATURE  
 David A. FARAH, M.D.  
 NAME  
 38,134  
 REGISTRATION NUMBER

<b>CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)</b>			Docket No. 16092US	
International Application No. PCT/IT2003/00802	International Filing Date 05 December 2003	Priority Claimed 16 December 2002		
Application Serial No. To be assigned	Filing Date June 14, 2005	Examiner To be assigned	Group Art Unit To be assigned	
Applicant/Inventor(s): BAUSOLA, Giuseppe et al.				
Invention: VARIABLE-RATE TRANSMISSION DEVICE				
<p>I hereby certify that the following correspondence:</p> <ol style="list-style-type: none"> <li>1) Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 (Small Entity) (2 pages)</li> <li>2) United States National Phase Patent Application (6 pages Specification, 3 pages Claims, 1 page Abstract)</li> <li>3) 2 Sheets of Drawings (Figures 1-2)</li> <li>4) Letter to Examiner (1 page)</li> <li>5) Combined Declaration and Power of Attorney by Applicants/Inventors Giuseppe BAUSOLA and Giovanni CONTARDO TORRE (3 pages)</li> <li>6) Power of Attorney by Assignee ORBITECH ENGINEERING S.R.L.</li> <li>7) Transmittal of Information Disclosure Statement Under 37 CFR 1.97(b) or 1.97(c) (2 pages)</li> <li>8) Information Disclosure Statement by Applicant (1 page) and copies of the three non-U.S. patent references cited therein</li> <li>9) Copy of Published International Application No. WO 2004/055411 A1 including International Search Report (16 pages)</li> <li>10) Return Receipt Postcard</li> </ol> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on: <u>JUNE 14, 2005</u> (Date)</p> <div style="text-align: right; margin-top: 20px;"> <p>_____ Marilyn Paik (Typed or Printed Name of Person Mailing Paper or Fee)</p> <p>_____ (Signature of Person Mailing Correspondence)</p> <p style="font-size: 1.2em; font-weight: bold;">EV495095687US</p> <p>_____ (“Express Mail” Mailing Label No. EV 495095687 US)</p> </div>				

PATENT

16092US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	Group Art Unit: to be assigned
	)	
BAUSOLA, Giuseppe et al.	)	Examining Attorney: to be assigned
	)	
Application Serial No.: To be assigned	)	
Filed: June 14, 2005	)	
	)	
International Application No.	)	
PCT/IT2003/00802	)	
International Filing Date: 05 December 2005	)	
	)	
For: Variable-Rate Transmission Device	)	Pasadena, California
	)	

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**LETTER TO EXAMINER**

Mail Stop PCT  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

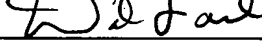
Dear Sir:

The above-identified United States patent application attached hereto, which is a national phase filing of International Patent Application No. PCT/IT2003/00802 has had a Cross-Reference to Related Application section added, has had the application reformatted for United States patent practice, and has had the claim set reformatted and additional claims added for United States patent practice, including removing the multiple dependencies. No new matter has been added by these amendments.

Respectfully submitted,

SHELDON & MAK PC

Date: June 14, 2005

By   
David A. Farah, M.D.  
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Customer No. 23676

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